"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASNAR, V., MUDr.

On documentation and basic statistical handling of records at a surgical department. Cesk. zdravot. 7 no.7:374-385 Aug 59.

1. Prednosta chirurgickeho oddeleni KUNZ v Liberci.
(MEDICAL RECORDS) (SURGERY)

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASNAROVA, J.

A new type of flotation apparatus.

p. 679 (Silikaty) Vol. 1, no. 3, 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS, (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

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DRASNAROVA, M. 3

CZECHOSLOVAKIA

ANTALOVSKA, Z; DRASNAROVA, M; POSPISILOVA, J.

1. Stomatological Clinic of the Medical Faculty KU (Stomatologicka klinika lekarske fakulty KU), Hradec Kralovy; 2. Anesthesiological Ward KUNZ (Anesteziologicke oddeleni KUNZ), Hradec Kralovy

Prague, Ceskoslovenska stomatologie, No 4, 1963, pp 243-248

"(Fluothane) Anaesthesia in Stomatosurgical Operations."

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASHOBASV, T. P.

Osteo-articular tuberculosis in children. 2. izd. Moskva, Medgiz, 1950. 670 p.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

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T-12

USSR/Human and Animal Physiology. The Nervous System

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65713

Author : Zyuzin I.K., Drasnova A.I.
Inst : -
Title : Changes in Metabolic-Enzymatic Processes in the Blood of Patients with Epilepsy under the Effect of Small Doses of Radioactive Phosphorus.

Orig Pub : B. sb.L Vopr. psikhiatrii, Vyp. 2, Moscow, 1957, 146-148

Abstract : No abstract

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DRASNY, Jozsef; MOLNAR, Imre

Storage with ferrite core. Meres automat 12 no. 6:189-195 '64.

1. Computing Center, Hungarian Academy of Sciences, Budapest.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASNY, Jozsef; MOLNAR, Imre

Ferrite core memory systems. Pt. 2. Meres automat 12 no. 7:217-224 '64.

1. Computing Center, Hungarian Academy of Sciences, Budapest.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASNYUK, P. I.; DOBROVOL'SKIY, P. M.

Ukraine - Viticulture

Disseminating progressive practices among state farms of the Main Ukrainian Wine Trust. Vin. SSSR 12 no. ?, 1952

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASOVITSKAYA, S.E.

USSR/Medicine - Physiology

Card 1/1 Pub. 22 - 50/50

Authors : Grashchenkov, N. I., Memb. Corresp. Acad. of Sc., USSR.; Blyumenfeld, L. A., Drasovitskaya, S. E.; Perel'man, L. B.; and Smirnov, Yu. K.

Title : Oxygen consumption by tissues and functional state of hemoglobin during myasthenia

Periodical : Dok. AN SSSR 100/1, 191-192, Jan. 1, 1955

Abstract : An investigation was conducted to determine the effect of oxygen requirement of tissues on the functional state of hemoglobin during myasthenia. A thorough diagnosis of five myasthenic patients showed that hemoglobin plays a very important role in the regulation of the respiratory functions of the blood. It was established that myasthenia disturbs the trophic functions of the tissues which is expressed by reduced intensity of tissue respiration. Five USSR references (1946-1953). Table.

Institution : .....

Presented by: July 14, 1954

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EXCERPTA MEDICA Sec 14 Vol 13/5 Radiology May 59

910. DYNAMICS OF DEPOSITION OF INORGANIC PHOSPHORUS SALTS IN BONE TRANSPLANTS IN RADIATION SICKNESS (Russian text) - Drasovskaya G. P. - KHIRURGIYA 1958, 2 (120-125) Graphs 4 Tables 1

For these experiments in 50 full-grown rabbits, 1 cm. of bone was resected below the elbow, stripped of soft tissue and periosteum, replaced, and the wound neatly closed. Total-body irradiation with 800 r. was given 30-40 min. later. A control group of 60 rabbits were operated on but not irradiated. In all, 12 animals died of radiation sickness. The leucocyte count was below normal at the 8-9th day, and normal again at the 30-40th day post-irradiation. The operation site was at certain intervals examined by X-rays. After 7-90 days, the animals were injected with radioactive phosphorus, 50 c. per kg. body weight. After 12 hours the animals were killed, blood samples taken, and the activity of the plasma determined. In both groups of rabbits, the fate of the transplant was about the same, but from the 14-21st days, the biological activity in both groups was visibly slowed down. Metabolism was active again in the transplant from the 21st to the 90th day, with a peak at the 45th day. It seems that the deposition of phosphorus in irradiated rabbits becomes intensive on the 14th day, persisting for the comparatively long time of 2-3 months. In diaphyses from irradiated animals, the activity curves were somewhat higher than in the controls. Seuderling - Helsinki (XIV, 2, 19)

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DRASTICH, LUDVIK

Navod k praktickemu pouziti noveho nazoru na cerveny obraz krevni. (Instructions to the Application of the New Theory of the Red Blood-Cell Picture. 1st ed. illus., bibl.) Authors: Ludvik Drastich, Hohuslav Hejda, Vilem Laufberger. Prague, SZdN, 1957. 67 p. Vol. 1 of the series Babakova sbirka Prace ze zakladnich lekarskych oboru (Babak's Collection; Papers on the Basic Branches of Medicine)

Pracitical methods of blood taking based on modern theories of the red blood-cell picture; determination of the basic values, calculation of values important for the red blood-cell picture; application in the clinical practice and labeling of the concentration of solutions.

Bibliograficky katalog, CSR, Ceske knihy, No. 37. 22 Oct 57. p. 809.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

"Production engineering" by Frantisek Novotny and Felix Kumpf.
Reviewed by Drastik. Hut listy 16 no.4:292 Ap '61.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, Frantisek, prof., inz., dr.

Die forging automation. Automatizace 5 no.5:127-130 My '62.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F., prof., Dr.Sc.

Model tests of the flow of plastic metals in die stamping.
Strojirenatvi 12 no.8:603-607 Ag '62.

1. Ceske vysoke uceni technicke, Praha.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

"Hardening medium for thermal treatment of metals" by L.V. Petras. Reviewed by F. Drastik. Hut listy 17 no.9:675-676 S '62.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

"Making cylindrical gears by rolling" by V.V. Polovnikov, P.F. Filippov, V.A. Bodazkov and G.G. Semibratov. Reviewed by F. Drastik. Hut listy 17 no.11:835 N '62.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F., prof., Dr.Sc.

"Problems of plastic deformation of metals". Reviewed by F.Drastik.
Hut listy 17 no.11:836 N '62.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

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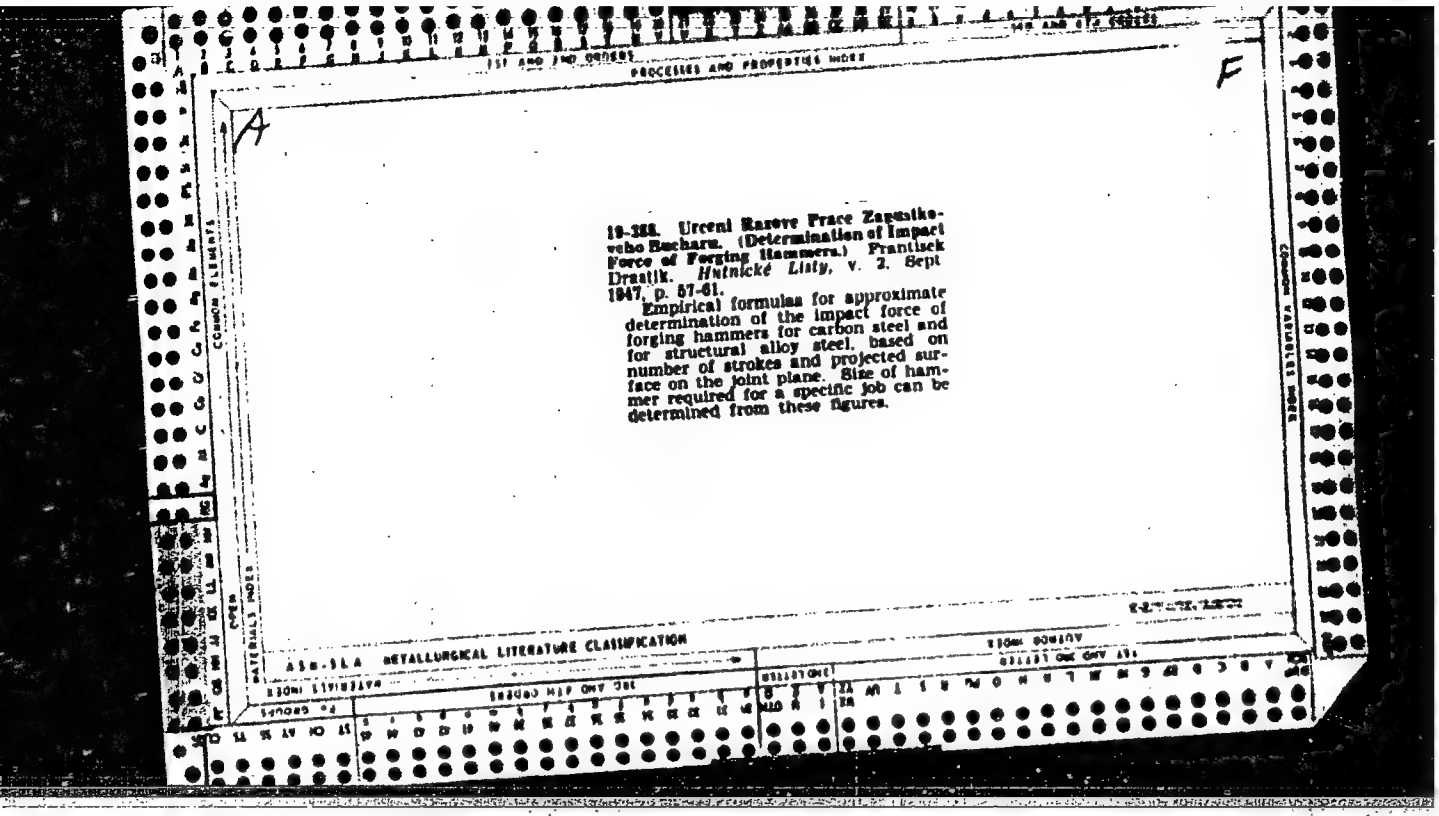

18-388. Urcení Razové Prace Zapustkového Bucharu. (Determination of Impact Force of Forging Hammers.) František Dratlík. *Hutnické Listy*, v. 2, Sept 1947, p. 57-61.

Empirical formulas for approximate determination of the impact force of forging hammers for carbon steel and for structural alloy steel, based on number of strokes and projected surface on the joint plane. Size of hammer required for a specific job can be determined from these figures.

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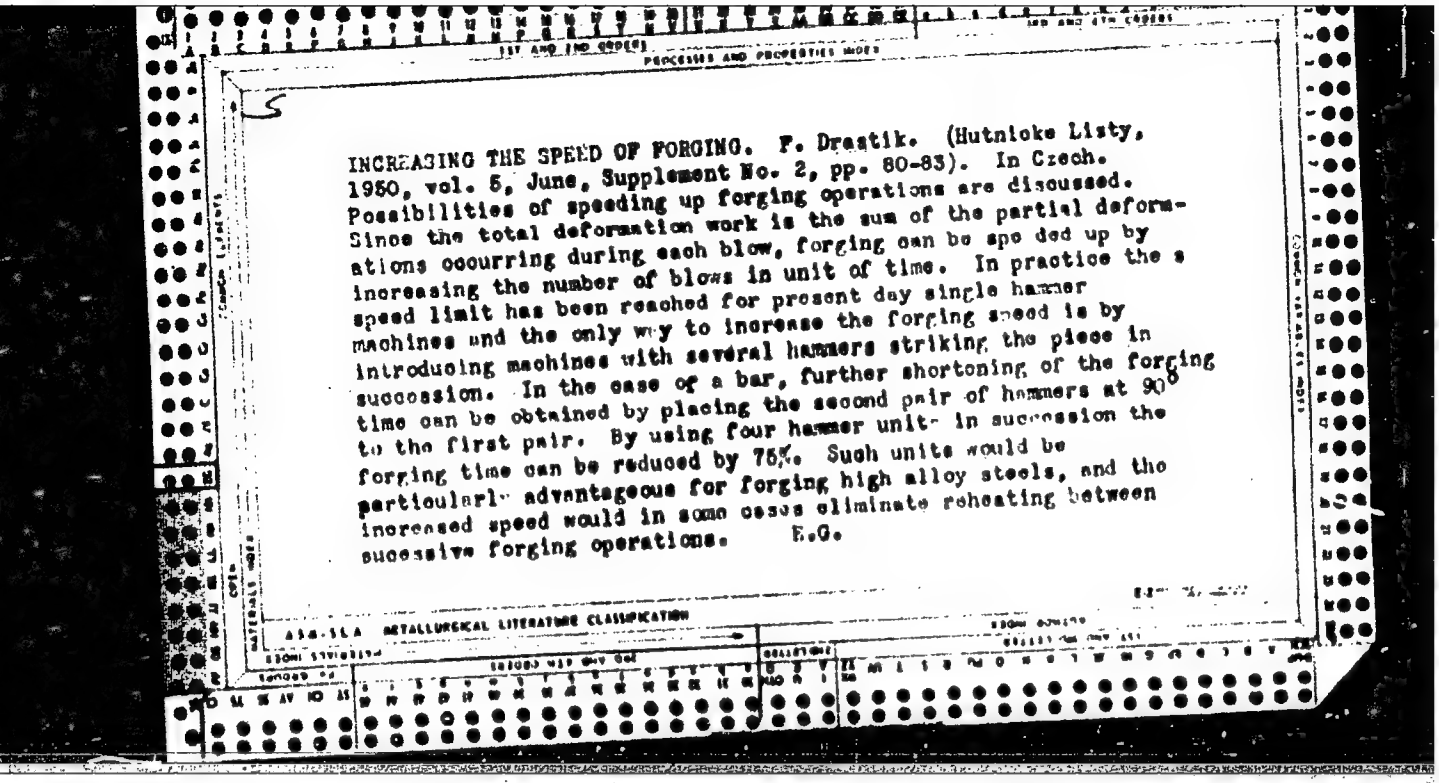

INCREASING THE SPEED OF FORGING. F. Drastik. (Hutnicke Listy, 1950, vol. 5, June, Supplement No. 2, pp. 80-83). In Czech. Possibilities of speeding up forging operations are discussed. Since the total deformation work is the sum of the partial deformations occurring during each blow, forging can be sped up by increasing the number of blows in unit of time. In practice the speed limit has been reached for present day single hammer machines and the only way to increase the forging speed is by introducing machines with several hammers striking the piece in succession. In the case of a bar, further shortening of the forging time can be obtained by placing the second pair of hammers at 90° to the first pair. By using four hammer units in succession the forging time can be reduced by 75%. Such units would be particularly advantageous for forging high alloy steels, and the increased speed would in some cases eliminate reheating between successive forging operations. E.G.

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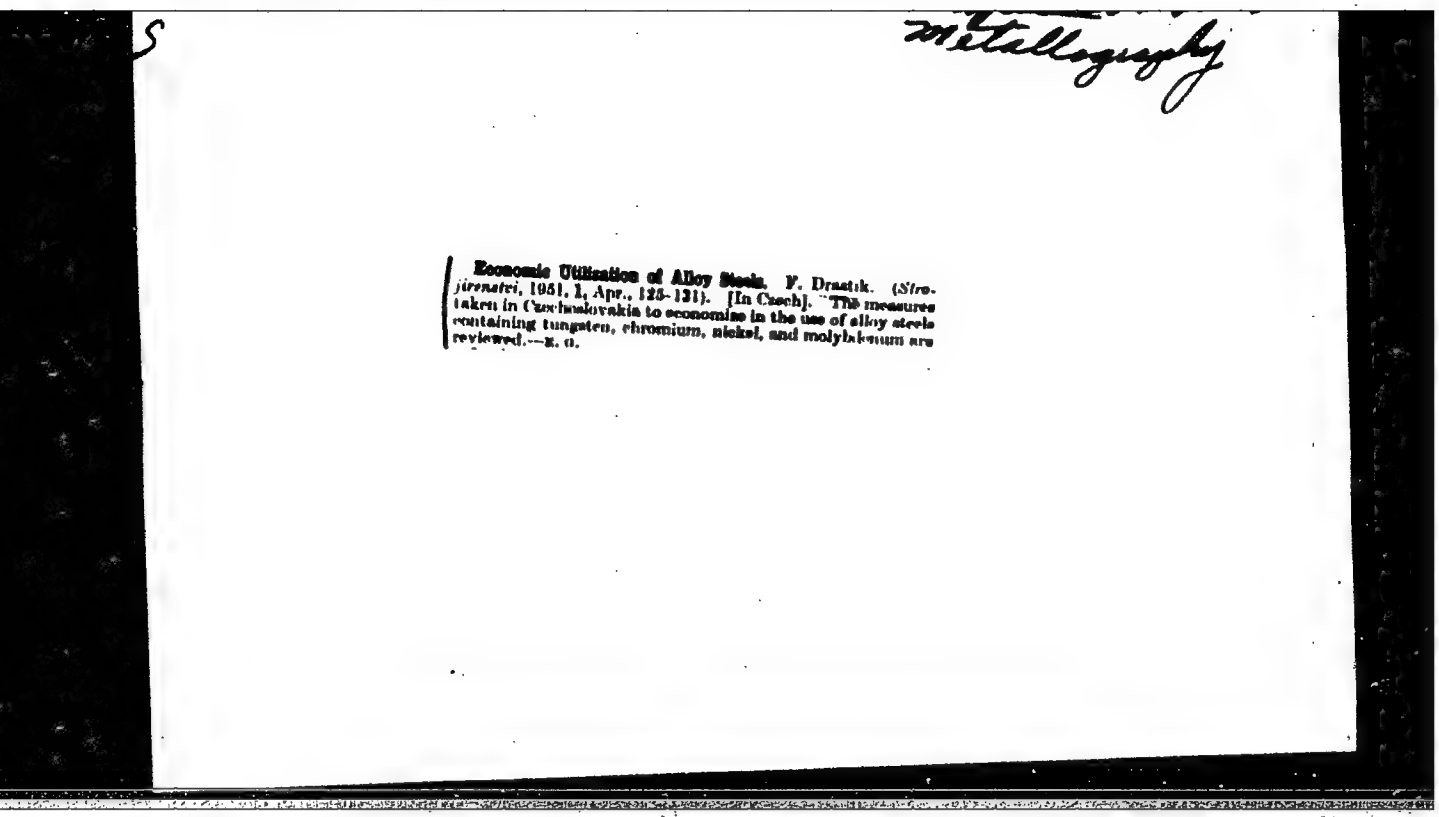

S

Metallography

Economic Utilization of Alloy Steels. V. Drastik. (*Strojirenství*, 1951, 1, Apr., 125-131). [In Czech]. The measures taken in Czechoslovakia to economise in the use of alloy steels containing tungsten, chromium, nickel, and molybdenum are reviewed.—K. O.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

S.

Improvements in Die Forging Technique. F. Drastik. (Kutnik (Prague), 1952, 2, Feb., 33-10). (In Czech).

An illustrated account of methods and suggestions for improving the production of die-forged parts are given.--P. F.

Immediate source clipping

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

DRASTIK, F. Increasing the durability of dies. p. 369.

Vol. 2, No. 9, Sept. 1954.
STROJIRENSKA VYROBA
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956

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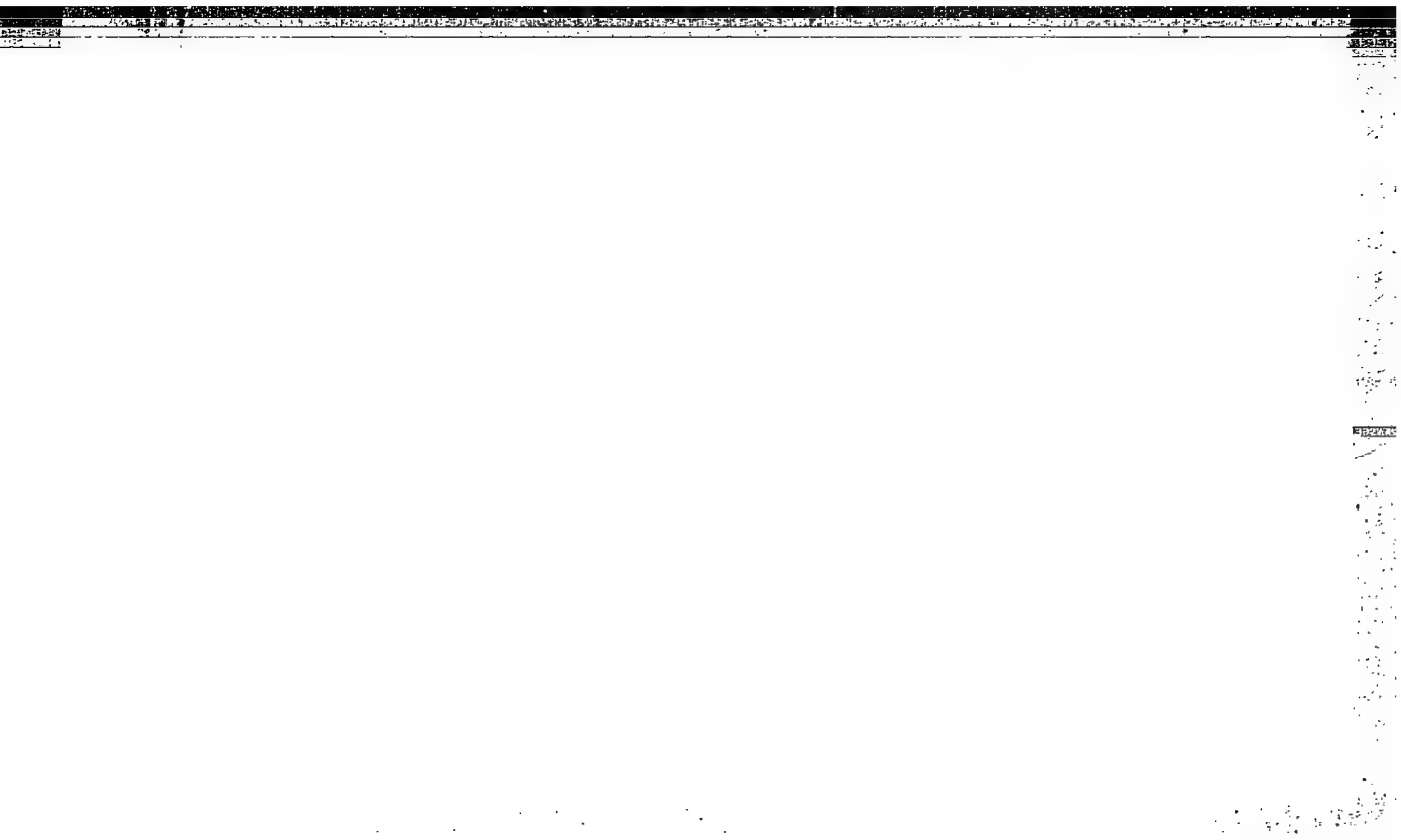

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

"Materials for Gears." p. 295, Praha, Vol. 4, no. 4, Apr. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

Drastik, F.

Giant high-pressure presses. p. 238. HUTNIK. (Ministerstvo hutniho prumyslu a rudnych dolu) Praha. Vol. 4, no. 8, Aug. 1954.

Source: FEAL LC Vol. 5, No. 10 Oct. 1956

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

"Stamping in Closed Dies", P. 593, (STROJIRENSTVI, Vol. 4, No. 8, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASIK, F.

"Will forging be improved by means of rammed ingots?"

p. 27 (Hutnik, Vol. 8, No. 3, March 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

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PHASE I BOOK EXPLOITATION CZECH/5646

Drastík, František, Engineer, Doctor, Professor

Železniční materiály (Railroad Materials) [Prague] Dopravní nakl., 1959. 389 p. 1500 copies printed.

Reviewer: Vladimír Stejskal, Engineer; Resp. Ed.: Hana Jedličková, Engineer.

PURPOSE: This book is intended for technical personnel of the Czechoslovak State Railroad, especially for process engineers, chief shop engineers and other shop personnel, and designers of rolling stock. It may also be useful to students at technical schools and schools of higher education.

COVERAGE: Materials used in railroad equipment and maintenance are reviewed. Theoretical fundamentals relating to processing methods, testing according to Czechoslovak state standards, specifications of the Czechoslovak State Railroad, and international specifications are included. The book is intended for use as a

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manual for the proper selection of materials, to contribute to increased safety in operation, and to aid in decreasing troubles caused by the improper use of materials. The author thanks the Výzkumný ústav dopravní (Transport Research Institute), the Výzkumný ústav kolejových vozidel (Research Institute for Rail Vehicles), S. Heršálek, staff member of the Research Institute for Rail Vehicles, and J. Mačata and Vladimír Stejskal, Engineer, of the Ministry of Transportation. There are 35 references: 22 Czech, 8 German, and 5 Soviet.

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DRASTIK, F.

"Modernization of forges. p. 1"

STROJIRENSKA VYROBA (Ministerstvo tezkeho strojirenstyi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju) Praha, Czechoslovakia, Vol. 7, No.1, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6 June 1959
Uncl.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

Shall we dispose of power hammers? p. 356.

STROJIRENSKA VYROBA. Praha, Czechoslovakia. Vol. 7, no. 8, August 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.

Uncl.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

Ascertaining the impact work of a power hammer. p. 391

STROJIRENSKA VYROBA. (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju) Praha, Czechoslovakia. Vol. 7, no. 9, Sept. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 12, Dec. 1959 Uncl.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

[illegible], F.

Stress conditions in the blocks during forging by [illegible] p. 601

ST[illegible]STVI (Ministerstvo tezkeho strojirenstvi, Ministerstvo vseobecneho strojirenstvi) Praha, Czechoslovakia, Vol. 9, no. 8, Aug. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 2, Feb. 1960

Unc1.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

Measuring forces originating under the ram of a power hammer. p. 683.

STROJIRENSTVI. (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju Praha, Czechoslovakia, Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 1, Jan, 1960.

Uncl.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F

PHASE I BOOK EXPLOITATION SOV/5799

Unksov, Ye.P., Doctor of Technical Sciences, Professor, Ed.

Sovremennoye sostoyaniye kuznechno-shtampovochnogo proizvodstva (Present State of the Pressworking of Metals) [Moscow] Mashgiz, 1961. 434 p. 5000 copies printed.

Ed. of Publishing House: A.I. Sirotin; Tech. Ed.: B.I. Model'; Managing Ed. for Literature on the Hot Working of Metals: S.Ya. Golovin, Engineer.

Title: Kuznechno-shtampovochnoye proizvodstvo v SSSR (The Pressworking of Metals in the USSR) by: A.V. Altykis, D.I. Bereshkovskiy, V.P. Volkovitskiy, I.I. Girsh (deceased), L.D. Gol'man, S.P. Granovskiy, N.S. Dobrinskiy, A.I. Zimin, S. L. Zlotnikov, A.I. Kaganovskiy, P.V. Lobachev, V.N. Martynov, Ye.N. Moshnin, G.A. Navrotskiy, Ya.M. Okhrimenko, O.N. Rovinskiy, Ye.A. Stosha, Yu.L. Rozhdestvenskiy, N.V. Tikhomirov, Ye.P. Unksov, V.F. Shcheglov, and L.A. Shofman; Eds: Ye.P. Unksov, Doctor of Technical Sciences, Professor, and D.V. Rozanov.

Title: Kuznechno-shtampovochnoye proizvodstvo v ChSSR (The Pressworking of Metals in the Czechoslovak SR) by: S. Burda, F. Hrazdil, F. Drastík, F. Zlatohlávek

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Present State of the (Cont.) SOV/5799

Z. Kejval, V. Kreuz, F. Kupka, F. Majer, K. Norvan, J. Novák, J. Olehnal, K. Paul, B. Somor, M. Honz, J. Částka, V. Šindelář, and J. Šolc; Eds.: A. Nejepsa and M. Vlk.

PURPOSE: This book is intended for engineers and scientific personnel concerned with the pressworking of metals.

COVERAGE: Published jointly by Machgiz and SNTL, the book discusses the present state of the pressworking of metals in the USSR and the Czechoslovak Socialist Republic. Chapters were written by both Soviet and Czechoslovak writers. No personalities are mentioned. There are 129 references: 93 Soviet, 16 English, 8 German, 5 Czech, and 2 French.

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Ch. II. Making Large Forgings [B. Kraus, Ke: Metallurgical Plant imeni Klement Gottwald, Kunčice] 272

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Ch. IV. The Forging of Large Crankshafts [S. Durda, K. Paul, and M. Hons, Metallurgical Plant imeni Lenin, Plzeň] 314

Ch. V. Techniques Used in Forging Large Rotors [F. Zlatchlávek, Vítkovice Metallurgical Plant imeni Klement Gottwald, Ostrava] 335

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18 8200 also 2106

24147
Z/034/61/000/008/004/005
E073/E535

AUTHOR: Drastík, František, Professor Engineer Doctor

TITLE: Simple method of testing steel subjected to three-dimensional stresses

PERIODICAL: Hutnické listy, 1961, No.8, pp.581-582

TEXT: The deformation which a metal can withstand without breaking up depends to a large extent on the stress state. From this point of view three-dimensional stress states are of interest. In this communication information is given on equipment built on the basis of a design originally described by B. I. Beresnev, L. F. Vereshchagin, I. N. Ryabinin and L. D. Livchits in a paper "On certain problems of large plastic deformations of metals at high pressures". Tensile tests are carried out on specimens which are simultaneously subjected to hydrostatic pressures of 10 000 kg/cm^2. For the time being this equipment is used for demonstration purposes only in the laboratory of the Vysoka škola dopravní, Praha (Transportation School, Prague). Results so far indicate that it is also suitable for research purposes. The equipment, Fig.1, consists of

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Simple method of testing steel ... Z/034/61/000/008/004/005
E073/E535

a cylindrical sleeve 1, which has a hole of the diameter d_1 in the longitudinal direction and a hole of a diameter d_2 in the radial direction. The hole of the diameter d_1 allows penetration of a punch 2 (20 mm diameter) from the bottom and of a punch 3 from the top, both of which are of the same shape. The transverse hole of the diameter d_2 (10 mm) carries the test-piece 4, which is surrounded by lead 5. As a safety precaution, the sleeve is surrounded by a thick-walled steel tube 6. The bottom punch 2 is placed onto the table 7 of a hydraulic press (test machine for tensile and compression tests), whilst the top punch is compressed by the head 8 of the test machine. If the punches are pressed by a force P_1, a certain specific pressure will be generated in the lead and, due to the geometrical configuration and the dimensions, a certain tensile force P_2 will be generated in the axial direction of the test specimen. Thus, the specimen is simultaneously subjected to hydrostatic pressure and tension. If friction is disregarded, the relation between the dimensions of the test equipment, the applied force and the force required for fracturing the specimen and the hydrostatic pressure is relatively

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simple. For the given dimensions of the machine and for a specimen with a gauge diameter of 7 mm, the force required for fracturing a carbon steel specimen with a minimum strength of 60 kg/mm^2 is P_2 = 2500 kg and the required force of the test machine P_1 = 20 tons. This corresponds approximately to a specific pressure of 6300 kg/cm^2. Fig.3 shows a photograph of a normally fractured specimen (top) and of a specimen fractured with the simultaneous application of a pressure of about 6300 kg/cm^2. In the specimen fractured without hydrostatic pressure, the elongation was 17%, the contraction 46%, whilst in the specimen fractured with the simultaneous application of hydrostatic pressure the elongation was 44%, the contraction 80%. The advantage of the equipment and the described method is its great simplicity and also the fact that the test specimen and the fractured area remain clean. The method appears to be particularly suitable for current tests on determining the properties of steel when subjected to three-dimensional stresses. There are 3 figures.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

"Pressing and forging in Czechoslovakia and Soviet Union, present conditions and the outlook for development". Reviewed by F.Drastik. Hut listy 16 no.10:751 O '61.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

"Principles of calculation of stamping and pressing processes" by L.A.Sofman [Shofman, L.A.]. Reviewed by F.Drastik. Hut list/ 16 no.10:752 O '61.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F., prof., Dr.Sc.

"Collection of Scientific Papers of the Higher School of Technology in Kosice". Reviewed by F. Drastik. Hut listy 17 no.12:912 D '62.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

"Safe cold pressing machines" by Jaroslav Studnicka. Reviewed by F. Drastik. Hut listy 16 no.12:905 D '61.

(Metalwork) (Studnicka, Jaroslav)

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, Frantisek, prof., inz., dr.

Automation of free forging of straight and stepped profiles.
Automatizace 5 no.2:30-33 F '62.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

Z/032/62/013/008/001/004
E073/E135

AUTHOR: Drastík, F., Professor, Doctor of Sciences

TITLE: Model experiments for studying the plastic flow of metals during drop forging

PERIODICAL: Strojírenství, v.13, no.8, 1962, 603-607

TEXT: Due to the difficulty in determining the plastic flow of the material in the die during the process of forming, the author has developed his own experimental method, using a rheological analogue simulating the stages of forming. Plasticine in horizontal strips or checkered cubes of various colours is charged into the die of the required shape. For studying biaxial flow the model equipment is designed so as to prevent flow of the material in the longitudinal direction. A thick glass plate is fitted on one face, through which the progress of the flow of the material along the section can be observed visually and the resulting deformations photographed. The plasticine does not smudge the glass but slides; the flow depending on the magnitude and direction of the pressure in the material. Fur studying

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

Model experiments for studying the ... Z/032/62/013/008/001/004
E073/E135

triaxial flow, both dies are cut vertically in half and again a thick glass plate is applied to the plane of division, through which the process is observed and photographed. During the process of forming, the material is squeezed by applying pressure by means of a threaded lever. The paper contains sketches of some of the equipment used as well as sketches illustrating the flow of the material in various dies during forming operations. The method is cheap and very simple to apply.
There are 14 figures.

ASSOCIATION: ČVUT, Praha (ČVUT, Prague)

Card 2/2

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F.

"Standardized tools for cold pressing" by Closer, Hejl and Studnicka. Reviewed by F.Drastik. Hut listy 17 no.2:144-145 F '62.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, Frantisek, prof., Dr.Sc.

Hot forging tests of steel on reduced scale models. Hut listy 17 no.9:629-634 S '62.

1. Ceske vysoke uceni technicke, Praha.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F., prof., Dr.Sc.

Principles of high-speed forging, and its outlook.
Strojirenstvi 12 no.10:750-756 10 0 '62.

1. Ceske vysoke uceni technicke, Praha.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F., prof., inz.

Electromagnetic forming of sheets. Strojirenstvi 13 no.5: 369 My '63.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F., prof., Dr.Sc.

"Specialized production of forgings" by A.T. Bundin. Reviewed by F. Drastik. Hut listy 18 no.2:156 F '63.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, F., prof. inz. DrSc.

Simple machine for testing high-speed shaping. Strojirenstvi 14 no.8:617-618 Ag '64.

1. Czech Higher School of Technology, Prague.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, Frantisek

Analyses of model tests of plastic creep of metals.
Rozpravy techn CSAV 74 no. 6:1-72 '64.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, Frantisek, prof. DrSc.; JICHA, Antonin, inz.

Forging valves of combustion engines. Stroj vyr 13 no.3: 172-180 Mr '65.

1. Czech Higher School of Technology, Prague (for Drastik).
2. Ministry of Mechanical Engineering, Prague (for Jicha).

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

L 2260-66 EWT(t)/EWP(k)/EWP(b)/EWA(c) IJP(c) JD/HW
ACCESSION NR: AP5008032 Z/0032/65/015/003/0222/0225

AUTHOR: Drastik, F. (Professor, Engineer, Doctor of sciences)(Prague); Vocel, M. (Engineer, Candidate of sciences) (Prague); Smrcka, J. (Engineer, Candidate of sciences) (Prague)

TITLE: Electromagnetic forming of metals

SOURCE: Strojirenstvi, v. 15, no. 3, 1965, 222-225

TOPIC TAGS: electromagnetic forming, copper sheet forming, iron sheet forming, aluminum sheet forming, metal sheet forming

ABSTRACT: Electromagnetic forming of metals has been investigated at the Department of Electrical Engineering of the Czech Polytechnic Institute in Prague. Blanks of aluminum (0.1, 0.3, and 0.5 mm thick), copper (0.5 mm thick), and iron (0.5 mm thick) were formed. The experiment showed that the depth of the cavity depends on the material formed and the amount of energy liberated. With an energy of 2500 Ws, the depth of cavity was 10 mm in an iron sheet 0.5 mm thick, 13 mm in a copper sheet 0.5 mm thick, and 29 mm in an aluminum sheet 0.3 mm thick. Orig. art. has: 10 figures, 1 table, and 7 formulas. [WW]

ASSOCIATION: none

Card 1/2

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L 2260-66
ACCESSION NR: AP5008032

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 008 ATD PRESS: 4006

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APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, J.

"The forging and rolling of gear wheels." p. 400 (Hutnicke Listy Vol. 8, no. 8, Aug. 1953 Brno.)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, Feb. 1954, Uncl.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRASTIK, Jiri

Report on an observation of the effect of a winter sojourn in the mountains on the upper respiratory tract and its bacterial flora in children. Cesk. otolaryng. 11 no.2:109-114 Ap '62.

1. Otolaryngologicke oddeleni polikliniky UNZ ONV - Praha 5, reditel MUDr. V. Cerny.
(RESPIRATORY SYSTEM microbiol) (COLD CLIMATE)
(NASOPHARYNX microbiol)

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

TODOROVIC, Dragomir; DRASTIL, Vlasta

Clinical significance of sideremia. Srpski arh. celok. lek. 87 no.9:774-781 S '59.

1. Interno odeljenje Opste bolnice u Banjaluci, sef: dr Andrija Mihes.
(IRON blood)

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

MIKES, Andrija, dr.; DRASTIL-STEVANOVIC, Vlasta

Effect of nicotinic acid on sideremia, bilirubinemia and total iron-binding capacity of the blood (TIBC). Srpski arh. celok. lek. 89 no.9:981-989 S '61.

1. Interno odeljenje i Biohemijska laboratorija Opste bolnice u Banja Luci. Sef: dr Andrija Mikes.

(NICOTINIC ACID pharmacol) (IRON blood)
(BILIRUBIN blood)

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATCHEV, S.M.; KORSH, L.E.; MITYAGINA, O.V.

On the microflora of the water surfaces. J. Hyg. Epidem., Praha 1 no.4: 431-440 1957.

1. Institute of General and Communal Hygiene, Academy of Medical Sciences, Moscow.

(WATER SUPPLY, microbiology,
surfact microflora)

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATH, Anna

Treatment of oligophrenia with glutaminic acid; preliminary report. Neur. &c. polska 6 no.6:715-725 Nov-Dec 56.

1. Z Glownej Poradni Zdrowia Psychicznego w Warszawie, Dyrektor: dr. B. Kostkiewicz.
(MENTAL DEFICIENCY, ther.
glutamic acid in oligophrenia (Pol))
(GLUTAMATES, ther. use
same)

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATH, Anna; MEDYNSKA, Lucyna

Dupre's motor weakness. Neurol. etc., polska 11 no.4:553-559 '61.

1. Z Zakladu Higiony Psychicznej i Psychiatrii Dziecicej PAN w Warszawie Kierownik Zakladu: prof. dr K. Dabrowski.
(MOVEMENT DISORDERS)

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

POLAND / Plant Diseases. Diseases of Cultivated Plants. 0

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No. 100560

Author : Drath, M.
Inst : Inst. of Plant Protection, Bidgosc
Title : Root Rot (Ophiobolus sp.) as an Economically Important Problem in Wheat Cultivation

Orig Pub : Postpy nauk. roln., 1957, 3, No 5, 3-7

Abstract : History of the study of the disease and information on its occurrence. The ability of its causal agent to affect many cereals, and most frequently winter wheat, is pointed out. For the control of the disease, cultivation of wheat on structural soils is recommended, later dates of winter sowing, introduction of leguminous grasses (besides clover) into crop rotation, elimination of wheat sowings on grain crops, increased doses of phosphorus fertilizers, removal of stubble and destruction of weeds.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

POLAND / Plant Diseases. Diseases of Cultivated Plants. O

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No. 100560

The work was carried out at the Institute of Plant Protection in the city of Bidgoŝć (Poland). -- V. I. Vergovskiy

Card 2/2

5

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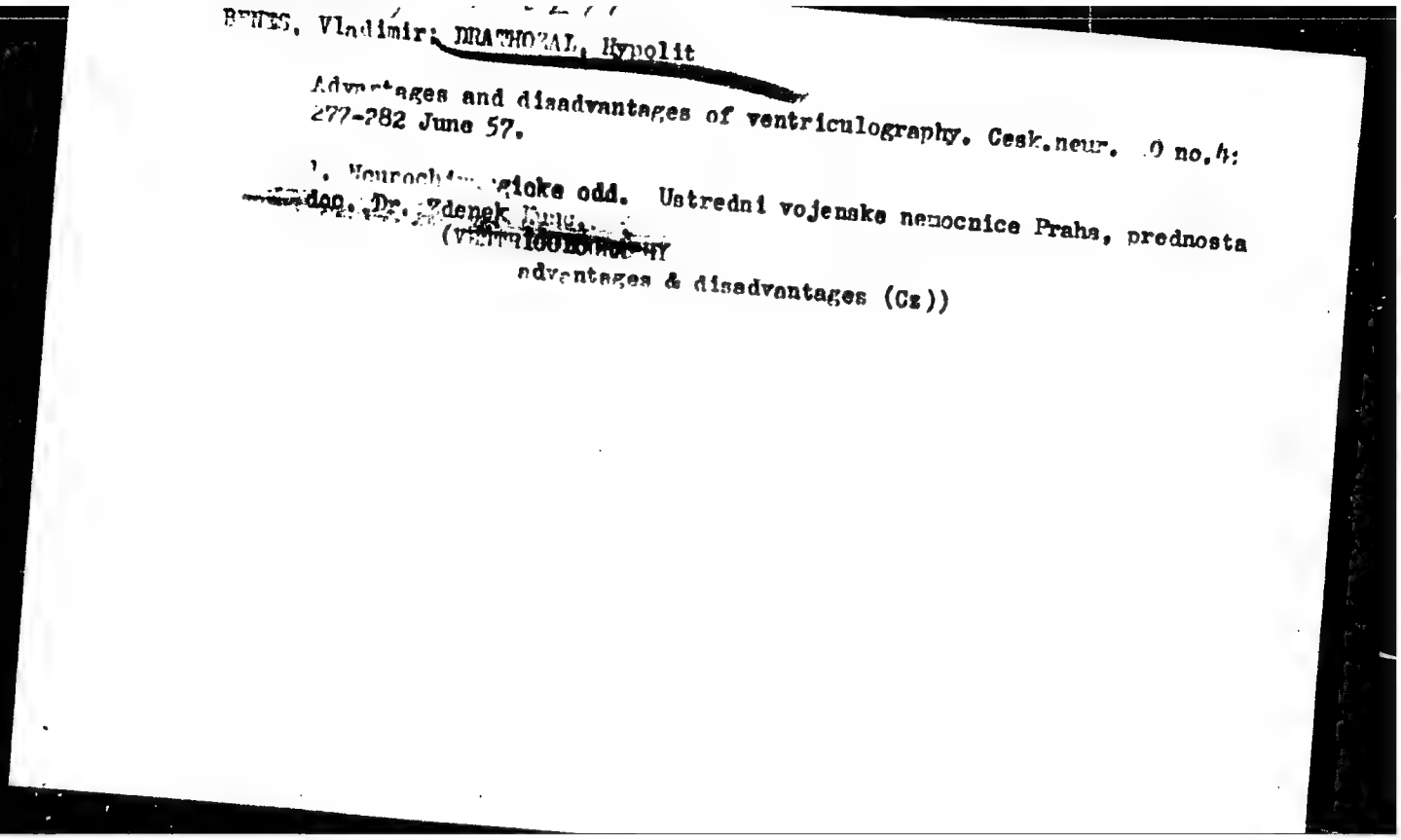

BEHES, Vladimir; [redacted] Hypolit

Advantages and disadvantages of ventriculography. Cesk.neur. 0 no.4: 277-282 June 57.

1. Neurochirurgicke oddel. Ustredni vojenske nemocnice Praha, prednosta [redacted] Dr. Zdenek [redacted]
([redacted])

(Ventriculography, advantages & disadvantages (Cz))

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOCHVIL, V.; LANGNER, J.; VLASAK, R.

Determination of benzidine in the atmosphere. p. 402.

CHEMICKY PRUMYSL. Praha, Czechoslovakia. Vol. 9, no. 8, Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOVSKY, M.

24(2,4) PHASE I BOOK EXPLOITATION CZECH/2433

International Polarographic Congress. 1st, Prague, 1951

Sbornik I. Mezinarodniho polarografickeho sjezdu. Dil 3: Hlavni referaty predneseane na sjezdu, Proceedings...Vol 3: Reviews Read at the Congress. Praha, Prirodovedecke vyd-vi [1952]
774 p. 2,000 copies printed.

Resp. Ed.: Jiří Konyta, Doctor; Chief Ed. of Publishing House: Milan Skalnik, Doctor; Tech. Ed.: Oldřich Dunka.

PURPOSE: The book is intended for chemists, chemical engineers, and physicists.

COVERAGE: The book is a collection of reviews and original papers read at the International Polarographic Congress held in Prague in 1951. Uses of polarography in organic and inorganic analysis, biochemistry, medicine, and industrial chemistry are discussed. In the section, Reviews Read at the Congress, Russian and either German or English translations of each review are presented. In the section, Original Papers Read at the Congress, only those translations in Russian, German, and English which have not been published in Volume I are presented. The following scientists participated in the opening of the Congress: Professor Viktor Kemula, Dean of the Faculty of Sciences, Warsaw; Doctor Jaromir Dolensky, Minister of Planning; Professor Jaroslav Horovsky, Chairman of the Congress; and Professor Jaroslav Pucsko, Chairman of the Center for Scientific Research and Technical Development. References follow each paper.

Parnik, J. Apparatus for Oscillographic Polarography 241
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Horovsky, J. Oscillographic Polarography 268
[Russian Translation] 273
[English Translation] 279

Brdicka, R. Kinetics of Electrode Processes in Polarography 286

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Arend, H.O. Polarographic Study of Basic Trivalent Chromium Salt Systems 395

Krivanek, M. Complexes of Iron with Saccharose 399

Dratovsky, M. and M. Ebert. Effect of Gelatin and Thymol on Cathodic Deposition of Cations at a Dropping Mercury Electrode 404
[Russian Translation] 407
[German Translation] 410

Kuta, J. Study of Hydrogen Overvoltage With a Mercury Electrode With Controlled Dropping Time 413

Dvorak, J. Effect of Capillary Constants on the Maximum of Oxygen 418
[Russian Translation] 421
[German Translation] 423

Vavruch, I. Attempt to Classify Refined Sugars by the Polarographic Method 427
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[German Translation] 332

ORIGINAL PAPERS READ AT THE CONGRESS

Kalousek, M., and A. Tockstein. Validity of the Nernst Equation in the Deduction of the Polarographic Wave Equation 359

Vlcek, A.A. Polarography in Concentrated Sulfuric Acid
[Russian Translation] 366
[English Translation] 370
373

Valenta, P. Study of Current Discontinuity Appearing on a Colonel Beam Electrode 377

Masek, J. Discontinuity on Polarographic Curves Observed

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOVSKY, M.

Salts of periodic acid. III. Lithium and lithium-amonium periodates. Coll Cz Chem 26 no.3:636-644 Mr '61. (KEAI 10:9)

1. Institut fur anorganische Chemie, Karlsuniversitat, Prag.

(Periodic acids) (Lithium periodates)
(Ammonium periodate)

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOVSKY, M. 1

CZECHOSLOVAKIA

DRATOVSKY, M; PREJZKOVA, J.

Institute of Anorganic Chemistry, Charles University, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 5, 1963, pp 1280-1290

"Salts of Periodic Acids." IV. Berylliumperiodate."

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOVSKIY, M.

Paramagnetism of the decomposition product of calcium periodate. Zhur. neorg. khim. 8 no.7:1792-1794 Jl '63. (MIRA 16:7)

1. Karlov universitet, Praga, Chekhoslovakiya.
(Periodates)
(Calcium compounds--Magnetic properties)

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOVSKIY, M. [Dratovsky, M.]

Decomposition of disodium orthoperiodate. Zhur. neorg. khim. 8 no.11:2434-2440 N '63. (MIRA 17:1)

1. Karlov universitet, Chekhoslovakiya, Praga.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOVSKY, M.; PREJZKOVA, J.

Salts of periodic acid. Pt. 4. Coll Cz Chem 28 no. 5:1280-1291 My '63.

1. Institut fur anorganische Chemie, Karlsuniversitat, Prag.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOVSKY, Milan, RNDr. CSc.; TERNBACH, Zdenko, promovany chemik

Salts of periodic acid. Pt.8 Chem zvesti 18 no.4:241-249 '64

Representation of concentration in isothermal ternary diagrams in root-mean-square measurement. Ibid. 289-293

1. Department of Inorganic Chemistry of the Faculty of Natural Sciences, Charles University, Prague, Albertov 2030 (for Dratovsky). 2. Research Institute of Inorganic Chemistry, Usti nad Labem (for Ternbach).

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

TRUNOV, V.K.; DRATOVSKI, M.

X-ray diffraction examination of a double salt $KNH_4H_2IO_6$.
Vest. Mosk. un. Ser. 2:Khim. 19 no.1:49-50 Ja - F '64.

(MIRA 17:6)

1. Kafedra neorganicheskoy khimii Moskovskogo universiteta.

APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R00041113000

"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOVSKY, M.

Salts of periodic acid. Pt.6. Coll Cz Chem 29 no. 3:579-586 Mr '64.

1. Institute of Inorganic Chemistry, Charles University, Prague.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATOVSKY, M.

Periodic acid salts. Pt. 7. Coll Cz chem 29 no.7:1710-1714 Jl '64.

1. Institut fur anorganische Chemie, Karls-Universitat, Prague.

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ACC NR: AP6025865 SOURCE CODE: CZ/0043/65/000/008/0604/0610

AUTHOR: Dratovsky, Milan--Dratovski, M. (Docent; Doctor of natural sciences; Candidate of sciences; Prague); Matejokova, J.--Matoychkova, Ya. (Graduate chemist; Prague)

ORG: Department of Inorganic Chemistry, Faculty of Natural Sciences, Charles University, Prague (Katedra anorganicke chemie Prirodovedecke fakulty Karlovy university)

TITLE: Salts of periodic acid. (XI). Lead periodates

SOURCE: Chemicke zvesti, no. 8, 1965, 604-610

56
B

TOPIC TAGS: lead compound, thermal decomposition, chemical decomposition, x ray photography, chemical valence, magnetic susceptibility

ABSTRACT: Thermal decomposition of periodates $Pb_3(IO_5)_2 \cdot H_2O$; $Pb_2I_2O_9 \cdot 3H_2O$ and $Pb_4I_2O_{11} \cdot 5\ H_2O$ was investigated in the temperature range of 50 - 700°C. Product containing a hexavalent I, $PbIO_4$ was found. X-ray pictures of $Pb_3(IO_5)_2$, $Pb_2I_2O_9 \cdot 3H_2O$ were compared to those of H_5IO_6 and $Pb(IO_3)_2$ and those of $Pb_2I_2O_9$ to those of $PbIO_4$. It was found that these substances were different from each other. The chemical formula, and the hexavalence of the I in $PbIO_4$ were confirmed by magnetic susceptibility. The authors thank Graduate Chemist F. Vilim, Institute of Solid State Physics, CSAV, Chemist V. Haber and Graduate Chemist J. Loub, Faculty of Natural Sciences, Karlov University, Prague, for technical cooperation. Orig. art. has: 5 figures and 2 tables /JPRS/

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DRAŠOVSKÝ, Milan, [illegible]

Salts of [illegible] acid. Pt.10. Chem zvesti [illegible] 455-465.

1. Chair of Inorganic Chemistry of the [illegible] Sciences of Charles University, Prague. [illegible]
Submitted February 2, 1965.

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DRATSKIY, V.M.

Radio broadcasts from Antarctica. Inform.biul.Sov.antark.eksp. no.31:51-53 '61. (MIRA 15:4)

1. Nachal'nik Shestoy kontinenatal'noy Antarkticheskoy ekspeditsii. (Antarctic regions--Geophysical research)

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DRATSKIY, Yu.M., inzh.

Ways to simplify time-consuming operations in reinforced concrete shipbuilding. Sudostroenie 27 no.4:55-56 Ap '61. (MIRA 14:3)
(Ships, Concrete) (Precast concrete construction)

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

BATALOV, V.S., kand.tekhn.nauk; NIKOLAYEVA, K.L.; DRATT, Ye.A., inzh.

Obtaining high-strength concrete based on ordinary cement.
Bet. i zhel.-bet. 8 no.7:294-297 Jl '62. (MIRA 15:7)
(Concrete--Testing)

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DRATVA, Alfred, inz., dr.; POLACEK, Jaroslav, inz.

Increasing the loading capacity of pipe lines laid in trenches or embankments. Inz stavby 10 no.7:248-252 Jl '62.

1. Vodni stavby, n.p. (for Dratva). 2. Ustav teoreticke a aplikovane mechaniky, Ceskoslovenska akademie ved, Praha (for Polacek).

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATVIN, A.V.

Organization of departmental technical specification and standard bureaus. Standartizatsiia no.1:72-73 Ja-Fe '56. (MLRA 9:2)
(Standards, Engineering)

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DYKHNO, M. M., kand. med. nauk; LAYKO, A. V.; DRATVIN, S. A.

Use of cytochemical methods in the determination of live and dead mycobacteria. Probl. tub. no.7:73-78 '61. (MIRA 14:12)

1. Iz kafedry mikrobiologii (zav. - zasluzhennyy deyatel' nauki prof. M. N. Lebedeva) I Moskovskogo ordena Lenina Meditsinskogo instituta imeni I. M. Sechenova (dir. - prof. V. V. Kovanov)

(MYCOBACTERIUM TUBERCULOSIS)

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRATVIN, S.A.

Comparative resistance of Staphylococcus aureus, not producing penicillinase, to penicillin in vivo and in vitro. Antibiotiki 9 no.4:334-338 Ap '64. (MIRA 19:1)

1. Laboratoriya eksperimental'nogo izucheniya lechebnykh svoystv novykh antibiotikov (zav. - prof. V.A. Shorin) Instituta po izyskaniyu novykh antibiotikov AMN SSSR, Moskva.

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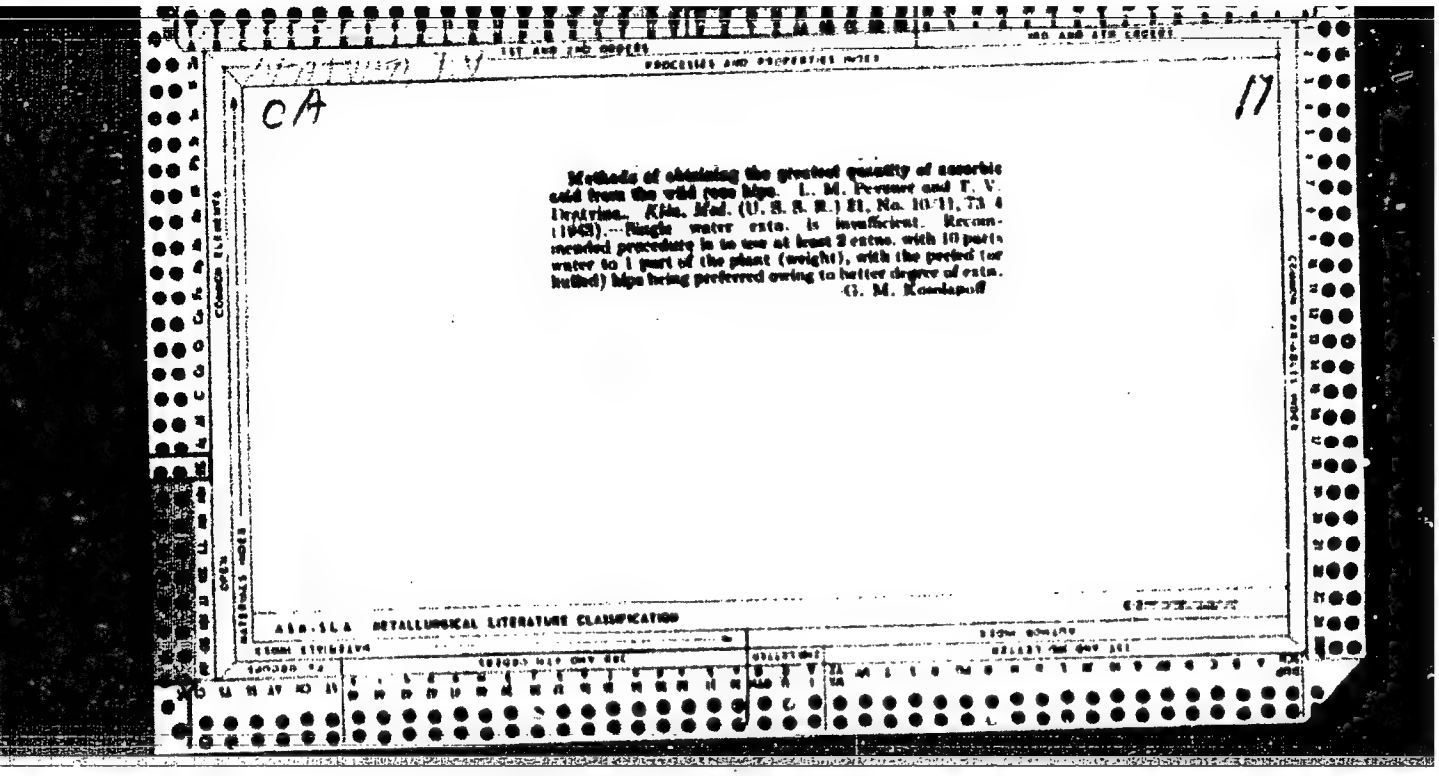

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Methods of obtaining the greatest quantity of ascorbic acid from the wild rose hips. L. M. Pevzner and T. V. Dyatlova. *Klin. Med.* (U. S. S. R.) 21, No. 10-11, 73-4 (1943).—Single water extn. is insufficient. Recommended procedure is to use at least 2 extns. with 10 parts water to 1 part of the plant (weight), with the pericarp (or hulled) hips being preferred owing to better degree of extn.
G. M. Kondakoff

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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DRATVINA, T.V., DYKHNO, M.M., YEFREMOVA, S.A., LASSKAYA, L.A.

Examining mucus from the larynx in diagnosing tuberculosis.
Lab.delo 4 no.5:28-29 S-O '58 (MIRA 11:11)

1. Iz kafedry mikrobiologii (zav. - prof. M.N. Lebedeva) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova i dispansernogo sektora Instituta tuberkuleza (dir. Z.A. Lebedeva), AMN SSSR.
(MUCUS)
(TUBERCULOSIS--DIAGNOSIS)

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KOVALEVA, Ye.V.; DRATVINA, T.V.; YARMOLENKO, L.I.; SHISHOVA, Ye.M.; SHEVCHENKO, S.M.; BELOUSOVA, M.A.

Indications of the activity of the rheumatic process in children. Sov.med. 23 no.10:58-66 O '59. (MIRA 13:2)

1. Iz kafedry detskikh bolezney (zaveduyushchiy - deystvitel'nyy chlen AMN SSSR prof. Yu.F. Dombrovskaya) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova i kafedry mikrobiologii (zaveduyushchiy - prof. M.N. Lebedeva).
(RHEUMATIC FEVER physiology)

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KOVALEVA, Ye.V.; DRATVINA, T.V.; YARMOLENKO, L.I.; BEKOUSOVA, M.A.

Some immunological indications in children with rheumatic fever [with summary in English]. Pediatriia 37 no.1:43-49 Ja '59. (MIRA 12:1)

1. Iz kafedry detskikh bolezney (zav. - deystvitel'nyy chlen AMN SSSR prof. Yu.F. Dombrovskaya) i kafedry mikrobiologii (zav. - prof. M.N. Lebedeva) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(RHEUMATISM, in inf. & child
immunol. indices (Rus))

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

ZOLOTAREV, I.I.; DRATVINA, T.V.; YARMOLENKO, L.I.

Clinical and microbiological investigations of the effect of furadonin in inflammatory diseases of the urinary organs. Urologiia 25 no. 5:41-45 S-O '60. (MIRA 14:1)

(URAN) (URINARY ORGANS--DISEASES)

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DRATWA, A.

Scientific and technical documentation in the Institute for Organization and Mechanization of Building. p. 219.
PRZEGLAD BUDOWLANY, Warszawa, Vol. 27, no. 6, June 1955.

SO: Monthly List of East European Accessions, (EEAL),LC, Vol. 4, no. 10, Oct. 1955, Uncl.

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

DRAUDIN,A.T.; CHUDOV,V.A.

Kinematic errors in the transmission mechanism of measuring instruments in machine building. Stan. i instr. 26 no4:22-26 Ap '55. (MLRA 8:6)
(Machinery, Kinematics of) (Measuring instruments)

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DRAUDIN, A.T.

AID P - 5346

Subject : USSR/Engineering

Card 1/1 Pub. 103 - 1/25

Authors : Draudin, A. T. and A. V. Vysotskiy

Title : Automatic machines for insepection of rings for ball and roller bearings.

Periodical : Stan. i instr., 28, 1-5, Ag 1956

Abstract : The authors describe the BV-470, BV-471, BV-472 and BV-473 automatic machines built for complete inspection and rejection of defective rings before they are assembled into bearings. One person can attend three such machines, each of which process up to 180 rings for roller bearings and up to 260 rings for ball bearings hourly. One photo, 14 drawings, 2 tables; OST standard.

Institution : Ministry of the Machine-Tool and Instrument Industry (MS i IP).

Submitted : No date

D.S.IR/300/62/CT

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"APPROVED FOR RELEASE: Friday, July 28, 2000 CIA-RDP86-00513R0004111300

AUTHOR: Draudin, A.T.

TITLE: An Automatic Ruling Machine for Printing Screen Gratings. (Avtomaticheskaya mashina dlya naneseniya deleniy na rastrakh)

PERIODICAL: Stanki i Instrument, 1957, No.1, pp 28-29.

ABSTRACT: The lengthy process and special requirements (length of lines, accuracy, 45° ruling to glass plate edge) in making gratings for half-tone printing processes have encouraged the development of a fully automatic machine now manufactured by the "Kalibr" Factory in accordance with a design of the Bureau of Interchangeability (Byuro Vzaimozamenyayemosti) of th. MC [illegible] for plate sizes up to 700 x 800 mm. The worktable moves along guides set in the machine bed, under the control of a dividing mechanism, producing the pitch

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